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Docket No. ECV-5627

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ralph Kafesjian

Application No.: 09/981,274

Filing Date: 10/17/01

For: SUPERCRITICAL FLUID EXTRACTION
PROCESS FOR TISSUE PREPARATION

Group Art Unit: 1744

Examiner: Unknown

Assistant Commissioner of Patents
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the duty of disclosure set forth under 37 CFR §§ 1.56, 1.97, and 1.98, Applicants enclose the references listed on the attached form PTO/SB/08. This submission is prior to receipt of a first Office Action on the merits and thus, pursuant to 37 CFR § 1.97, no fee is believed due. If a first Office Action on the merits is mailed prior to the mailing of this Information Disclosure Statement, please charge said fee or any other fee due to Deposit Account No. 501225 - ECV-5627.

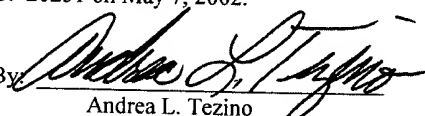
Respectfully submitted,

Date: May 7, 2002


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CERTIFICATE OF MAILING

I hereby certify that the above-identified document is being deposited by (Express Mail No. EL 599143350US) with the United States Postal Service with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on May 7, 2002.

By: 
Andrea L. Tezino



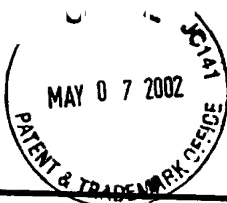
Substitute for form PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/981,274
Sheet		1	of	3	Filing Date October 17, 2001
					First Name and Inventor Ralph Kafesjian, et al.
					Art Unit 1744
					Examiner Name Unknown
					Attorney Docket Number ECV-5627

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)			
	AA	US-2,900,644	08/25/59	Rosenberg, et al.	
	AB	US-3,927,422	12/23/75	Sawyer	
	AC	US-3,966,401	06/29/76	Hancock, et al.	
	AD	US-3,974,526	08/17/76	Dardik, et al.	
	AE	US-4,239,492	12/16/80	Holman, et al.	
	AF	US-4,547,292	10/15/85	Zarchy	
	AG	US-4,553,974	11/19/85	Dewanjee	
	AH	US-4,749,522	06/07/88	Kamarei	
	AI	US-4,755,593	07/05/88	Lauren	
	AJ	US-4,770,780	09/13/88	Moses	
	AK	US-4,816,159	03/28/89	Khosah, et al.	
	AL	US-4,824,570	04/25/89	Bethuel, et al.	
	AM	US-4,877,530	10/31/89	Moses	
	AN	US-4,880,543	11/14/89	Khosah, et al.	
	AO	US-5,084,239	01/28/92	Moulton, et al.	
	AP	US-5,723,012	03/03/98	Fages, et al.	
	AQ	US-5,725,579	03/10/98	Fages, et al.	
	AR	US-5,877,005	03/02/99	Castor, et al.	
	AS	US-6,214,054 B1	04/10/01	Cunanan, et al.	

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FOREIGN PATENT DOCUMENTS						
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/981,274
Sheet 2 of 3				Filing Date	October 17, 2001
				First Named Inventor	Ralph Kafesjian, et al.
				Art Unit	1744
				Examiner Name	Unknown
				Attorney Docket Number	ECV-5627

	Office Code ³	Number ⁴	Kind Code ⁵ (if known)			RECEIVED MAY 10 2002 TC 1700
	AT	WO	85/04816 ~	A1	11/07/1985	
	AU	WO	02/07785 ~	A2	01/31/2002	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	1 -	Fages, et al., "Supercritical Fluid Extraction: A New Way of Manufacturing Biomaterials," 21 st Annual Meeting of the Society for Biomaterials, March 18-22, 1995, San Francisco, California, p.236.	
	2 -	Fages, et al., "Use of supercritical CO2 for Bone Delipidation," Biomaterials 1994, Vol. 15, No. 9., pp 650-656.	
	3 -	Fages, et al., "Use of Supercritical Fluid Extraction as a Method of Cleaning Anterior Cruciate Ligament Prostheses In Vitro and In Vivo Validation," ASAIO Journal 1998, pp. 278-288.	
	4 -	McCoy, Michael "Industry Intrigued by CO2 as Solvent," C&EN Northeast News Bureau, pp.11-13, June 14, 1999 C&EN.	
	5 -	Mishra, et al. "Extraction and Purification of w-3 Fatty Acids With an Emphasis on Supercritical Fluid Extraction-A Review," Food Research International 26(3) (1993) 217-226.	
	6 -	Chester, et al., "Supercritical Fluid Chromatography and Extraction," Analytical Chemistry, Vol. 68, No. 12, June 15, 1996, pp. 487-514.	
	7 -	Gueclue-Uestuendag, et al. "Correlating the Solubility Behavior of Fatty Acids, Mono-, Di-, and Triglycerides, and Fatty Acid Esters in Supercritical Carbon Dioxide," Ind. Eng. Chem. Res. 2000, 39(12), 4756-4766.	
	8 -	Fages, et al., "Use of Supercritical CO2 for Bone Delipidation," Biomaterials 15(9):650-6, 1994 July - Abstract .	
	9 -	Fages, et al., "Use of Supercritical Fluid Extraction as a Method of Cleaning Anterior Cruciate Ligament Prostheses: in Vitro and in Vivo Validation," ASAIO Journal. 44(4):278-88, 1998 Jul-Aug. - Abstract .	
	10 -	Fages, et al., "Viral Inactivation of Human Bone Tissue Using Supercritical Fluid Extraction," ASAIO Journal. 44(4):289-93, 1998 Jul-Aug. - Abstract .	
	11 -	Ishikawa, et al., "Sterilization of Microorganisms by the Supercritical Carbon Dioxide Micro-Bubble Method," Bioscience, Biotechnology & Biochemistry. 59(10):1949-50, 1995 Oct. - Abstract .	
	12 -	van Bavel B., et al., "Supercritical Fluid Extraction of PCBs from Human Adipose Tissue for HRGC/LRMS analysis," Chemosphere.30(7):1229-36, 1995 Apr. - Abstract .	

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449-02-10 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/981,274
				Filing Date	October 17, 2001
				First Named Inventor	Ralph Kafesjian, et al.
				Art Unit	1744
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	ECV-5627

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	13 –	Frayssinet, P., et al., "Histological Integration of Allogeneic Cancellous Bone Tissue Treated by Supercritical CO2 Implanted in Sheep Bones," Biomaterials. 19(24):2247-53, 1998 Dec. – Abstract.	
	14	Koshevoi, et al., "Diffusion Coefficients of Triglycerides and Fatty Acids in Supercritical Carbon Dioxide," Pishch. Tekhnol. (2000), (2-3), 62-63 – Abstract.	
	15	Kim, et al., "Supercritical Fluid Extraction of Unsaturated Fatty Acids from Soybean Oil," Hwahak Konghak (1992), 30(6), 635-40 – Abstract.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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